

## PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Tuan et al. ) Attorney Docket No. UNVN 69827  
 Serial No.: 09/890,445 ) Examiner: John A. Jeffrey  
 Filing Date: July 30, 2001 ) Group Art No.: 3742  
 Title: HEATED BRIDGE DECK SYSTEM  
 AND MATERIALS AND METHOD  
 FOR CONDUCTING THE SAME )

CERTIFICATE OF MAILING 37 C.F.R. 1.8	
I hereby certify that this correspondence is being deposited with the U.S. Postal Service, postage prepaid, as First Class Mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450 Alexandria, VA 22313-1450, on:	
<u>10/26/03</u>	<u>DwY</u>
Date	Signature

DECLARATION UNDER 37 C.F.R. § 1.132

Commissioner for Patents  
 P. O. Box 1450  
 Alexandria, VA 22313-1450

Dear Sir:

I, Sherif Yehia, hereby declare as follows:

1. I reside at 5588 Bay Meadow Trl., Portage, MI 49024.
2. Christopher Tuan, Lim Nguyen, Bing Chen and I are the named inventors on U.S. Application Serial No. 09/890,445, filed on July 30, 2001.
3. An article entitled article from Crossroads 2000 (Iowa State Univ.) entitled "Bridge Deck Deicing" to Yehia and Tuan was used to reject Application Serial No. 09/890,445 under 35 U.S.C. § 102(a).

4. The conference paper was presented at a conference by Chris Tuan and I. Conferences are generally specific to a theme, or to a particular subject matter (i.e. road construction techniques for civil engineers, etc...) and generally speaking ONLY people in that scientific community participate in the conference. In this case the conference was a civil engineering conference, so only Chris Tuan and I attended, and they were the only ones who presented the paper. As the only two presenters, they were the only two authors listed when the conference paper was published in the proceedings of the conference.

5. Bing Chen and Lim Nguyen are electrical engineers and did not attend the conference. However, they are cited in the acknowledgement section of the conference paper, which does recognize their participation and contribution to the research for the article.

6. Bing Chen and Lim Nguyen did participate in the research for and preparation of the article and subsequently the patent application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Sherif Yehia

11/20/2003

Date

Respectfully submitted,

D Wade Schnell

David Wade Schnell  
Reg. No. 53,563

DWS:nlm

SHOOK, HARDY & BACON L.L.P.  
One Kansas City Place  
1200 Main Street  
Kansas City, Missouri 64105-2118  
816/474-6550

Subscribed and sworn before me  
this 21 day of November 2003.

Nancy A. Killingsworth

NANCY A. KILLINGSWORTH  
NOTARY PUBLIC KALAMAZOO CO., MI  
MY COMMISSION EXPIRES NOV 4, 2009



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Tuan et al. ) Attorney Docket No. UNVN 69827  
)  
Serial No.: 09/890,445 ) Examiner: John A. Jeffrey  
)  
Filing Date: July 30, 2001 ) Group Art No.: 3742  
)  
Title: HEATED BRIDGE DECK SYSTEM )  
AND MATERIALS AND METHOD )  
FOR CONDUCTING THE SAME )

CERTIFICATE OF MAILING  
37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service, postage prepaid, as First Class Mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450 Alexandria, VA 22313-1450, on:

11/26/03

Signature

DECLARATION UNDER 37 C.F.R. § 1.132

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

I, Christopher Tuan, hereby declare as follows:

1. I reside at 3314 North 152 Ave., Omaha, Nebraska 68147.
2. Lim Nguyen, Sherif Yehia, Bing Chen and I are the named inventors on U.S. Application Serial No. 09/890,445, filed on July 30, 2001.
3. An article entitled article from Crossroads 2000 (Iowa State Univ.) entitled "Bridge Deck Deicing" to Yehia and Tuan was used to reject Application Serial No. 09/890,445 under 35 U.S.C. § 102(a).

4. The conference paper was presented at a conference by Sherif Yehia and I. Conferences are generally specific to a theme, or to a particular subject matter (i.e. road construction techniques for civil engineers, etc...) and generally speaking ONLY people in that scientific community participate in the conference. In this case the conference was a civil engineering conference, so only Sherif Yehia and I attended, and we were the only ones who presented the paper. As the only two presenters, we were the only two authors listed when the conference paper was published in the proceedings of the conference.

5. Bing Chen and Lim Nguyen are electrical engineers and did not attend the conference. However, they are cited in the acknowledgement section of the conference paper, which does recognize their participation and contribution to the research for the article.

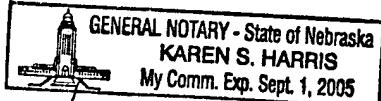
6. Bing Chen and Lim Nguyen did participate in the research for and preparation of the article and subsequently the patent application.

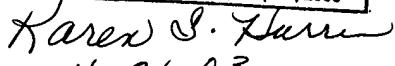
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

  
Christopher Tuan

NOV. 21, 2003

Date



  
Karen S. Harris  
11-21-03

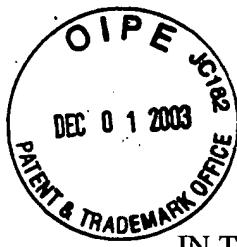
Respectfully submitted,



David Wade Schnell  
Reg. No. 53,563

DWS:nlm

SHOOK, HARDY & BACON L.L.P.  
One Kansas City Place  
1200 Main Street  
Kansas City, Missouri 64105-2118  
816/474-6550



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Tuan et al. ) Attorney Docket No. UNVN 69827  
Serial No.: 09/890,445 ) Examiner: John A. Jeffrey  
Filing Date: July 30, 2001 ) Group Art No.: 3742  
Title: HEATED BRIDGE DECK SYSTEM )  
AND MATERIALS AND METHOD )  
FOR CONDUCTING THE SAME )

CERTIFICATE OF MAILING  
37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service, postage prepaid, as First Class Mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450 Alexandria, VA 22313-1450, on:

11/26/03

Date

Signature

DECLARATION UNDER 37 C.F.R. § 1.132

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

I, Lim Nguyen, hereby declare as follows:

1. I reside at 9512 South 26th St., Bellevue, Nebraska 68147.
2. Christopher Tuan, Sherif Yehia, Bing Chen and I are the named inventors on U.S. Application Serial No. 09/890,445, filed on July 30, 2001.
3. An article entitled article from Crossroads 2000 (Iowa State Univ.) entitled "Bridge Deck Deicing" to Yehia and Tuan was used to reject Application Serial No. 09/890,445 under 35 U.S.C. § 102(a).

4. The conference paper was presented at a conference by Chris Tuan and Sherif Yehia. Conferences are generally specific to a theme, or to a particular subject matter (i.e. road construction techniques for civil engineers, etc...) and generally speaking ONLY people in that scientific community participate in the conference. In this case the conference was a civil engineering conference, so only Chris Tuan and Sherif Yehia attended, and they were the only ones who presented the paper. As the only two presenters, they were the only two authors listed when the conference paper was published in the proceedings of the conference.

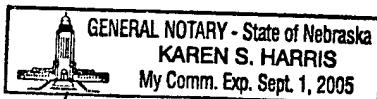
5. Bing Chen and I are electrical engineers and did not attend the conference. However, we are cited in the acknowledgement section of the conference paper, which does recognize our participation and contribution to the research for the article.

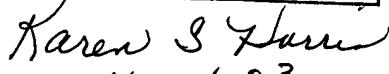
6. Bing Chen and I did participate in the research for and preparation of the article and subsequently the patent application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

  
Lim Nguyen

11/21/2003  
Date



  
Karen S. Harris  
11-21-03

Respectfully submitted,



David Wade Schnell  
Reg. No. 53,563

DWS:nlm

SHOOK, HARDY & BACON L.L.P.  
One Kansas City Place  
1200 Main Street  
Kansas City, Missouri 64105-2118  
816/474-6550



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Tuan et al. ) Attorney Docket No. UNVN 69827  
Serial No.: 09/890,445 ) Examiner: John A. Jeffrey  
Filing Date: July 30, 2001 ) Group Art No.: 3742  
Title: HEATED BRIDGE DECK SYSTEM )  
AND MATERIALS AND METHOD )  
FOR CONDUCTING THE SAME )

CERTIFICATE OF MAILING 37 C.F.R. 1.8	
I hereby certify that this correspondence is being deposited with the U.S. Postal Service, postage prepaid, as First Class Mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450 Alexandria, VA 22313-1450, on:	
11/26/03	
Date	Signature

DECLARATION UNDER 37 C.F.R. § 1.132

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

I, Bing Chen, hereby declare as follows:

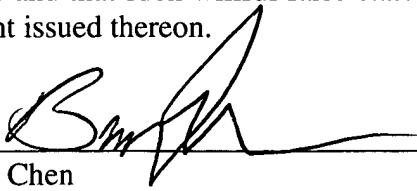
1. I reside at 312 South 70th Avenue, Omaha, Nebraska 68132.
2. Christopher Tuan, Sherif Yehia, Lim Nguyen and I are the named inventors on U.S. Application Serial No. 09/890,445, filed on July 30, 2001.
3. An article entitled "Bridge Deck Deicing" to Yehia and Tuan was used to reject Application Serial No. 09/890,445 under 35 U.S.C. § 102(a).

4. The conference paper was presented at a conference by Chris Tuan and Sherif Yehia. Conferences are generally specific to a theme, or to a particular subject matter (i.e. road construction techniques for civil engineers, etc...) and generally speaking ONLY people in that scientific community participate in the conference. In this case the conference was a civil engineering conference, so only Chris Tuan and Sherif Yehia attended, and they were the only ones who presented the paper. As the only two presenters, they were the only two authors listed when the conference paper was published in the proceedings of the conference.

5. Lim Nguyen and I are electrical engineers and did not attend the conference. However, we are cited in the acknowledgement section of the conference paper, which does recognize our participation and contribution to the research for the article.

6. Lim Nguyen and I did participate in the research for and preparation of the article and subsequently the patent application.

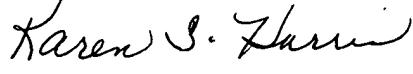
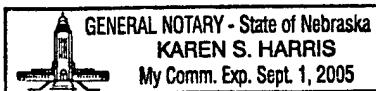
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.



Bing Chen

11-21-2003

Date



Karen S. Harris

11-21-03

Respectfully submitted,



DWS

David Wade Schnell  
Reg. No. 53,563

DWS:nlm

SHOOK, HARDY & BACON L.L.P.  
One Kansas City Place  
1200 Main Street  
Kansas City, Missouri 64105-2118  
816/474-6550